

**DII.3003.Sol251.KernelP6.IG-1**

**Defense Information Infrastructure (DII)**

**Common Operating Environment (COE)**

**Version 3.0.0.3**

**Kernel Patch 6 Installation Guide**

**(Solaris 2.5.1)**

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## Table of Contents

Preface .....	1
1. Introduction .....	3
1.1 Overview .....	3
1.2 Referenced Documents .....	3
2. Kernel Patch Installation .....	5

## List of Figures

Figure 1. Installer Window .....	5
Figure 2. Select Source Window .....	6
Figure 3. Installer Window with Select Software To Install Panel .....	6
Figure 4. RELEASE NOTES Window .....	7
Figure 5. REQUIRED SEGMENTS Window .....	8
Figure 6. RESPOND TO THE QUESTION Window .....	9

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## Preface

The following conventions have been used in this document:

[HELVETICA FONT]	Used to indicate keys to be pressed. For example, press [RETURN].
Courier Font	Used to indicate entries to be typed at the keyboard, operating system commands, titles of windows and dialog boxes, file and directory names, and screen text. For example, type the following command at the prompt:  setenv boot-device diskN
<i>Italics</i>	Used for emphasis.

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# 1. Introduction

## 1.1 Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 6 (Solaris 2.5.1) encompasses the following changes:

- Ⓒ Patches can now be installed from the network.
- Ⓒ During profile switching, execution of login processes for the newly selected profile are now supported.
- Ⓒ The ReqrDScripts are now extendable for global profiles with Security Administration and System Administration account group types.
- Ⓒ Any logout process now runs to completion without being terminated by its parent.

Refer to the *DII COE Version 3.0.0.3 Version Description Document for the Kernel Patch 6* for more information about the DII COE 3.0.0.3 Kernel Patch 6.

This DII COE Version 3.0.0.3 Kernel Patch 6 (Solaris 2.5.1) tape is a patch segment and must be installed after the Solaris 2.5.1 Operating System, the DII COE Version 3.0.0.3 Kernel, and the DII COE Version 3.0.0.3 Kernel Patches 2 and 4. While not required, installation of the DII COE Version 3.0.0.3 Kernel Patches 3 and 5 is also recommended before loading DII COE 3.0.0.3 Kernel Patch 6. Refer to the *DII COE Kernel Installation Guide (Solaris 2.5.1)* for instructions on installing the Solaris 2.5.1 Operating System and the DII COE Kernel. Refer to the *DII COE 3.0.0.3P2 Kernel Patch 2 Installation Guide (Solaris 2.5.1)*, the *DII COE 3.0.0.3 Kernel Patch 3 Installation Guide (Solaris 2.5.1)*, the *DII COE 3.0.0.3 Kernel Patch 4 Installation Guide (Solaris 2.5.1)*, and the *DII COE 3.0.0.3 Kernel Patch 5 Installation Guide (Solaris 2.5.1)* for instructions on installing the DII COE 3.0.0.3 Kernel Patches 2, 3, 4, and 5.

## 1.2 Referenced Documents

The following documents are referenced in this installation guide:

- Ⓒ DII.3003.Sol251.KernelP6.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Version Description Document for the Kernel Patch 6 (Solaris 2.5.1)*, August 27, 1997
- Ⓒ DII.3003.Sol251.IG-2, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Installation Guide (Solaris 2.5.1)*, April 7, 1997
- Ⓒ DII.3003P2.Sol251.Kernel.Patch.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3P2 Kernel Patch 2 Installation Guide (Solaris 2.5.1)*, April 23, 1997

- C DII.3003.Sol251.KernelP3.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 3 Installation Guide (Solaris 2.5.1)*, July 22, 1997
- C DII.3003.Sol251.KernelP4.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 4 Installation Guide (Solaris 2.5.1)*, July 30, 1997
- C DII.3003.Sol251.KernelP5.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 5 Installation Guide (Solaris 2.5.1)*, August 8, 1997
- C DII.31.HPSOL.AG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)*, April 14, 1997.



## 2. Kernel Patch Installation

This DII COE Version 3.0.0.3 Kernel Patch 6 (Solaris 2.5.1) tape is a patch segment and must be installed after the Solaris 2.5.1 Operating System, the DII COE Version 3.0.0.3 Kernel, and the DII COE Version 3.0.0.3 Kernel Patches 2 and 4. While not required, installation of the DII COE Version 3.0.0.3 Kernel Patches 3 and 5 is also recommended before loading DII COE 3.0.0.3 Kernel Patch 6. Refer to the *DII COE Kernel Installation Guide (Solaris 2.5.1)* for instructions on installing the Solaris 2.5.1 Operating System and the DII COE Kernel. Refer to the appropriate patch installation guide for instructions on installing the specific kernel patches.

Follow the steps below to install the DII COE Version 3.0.0.3 Kernel Patch 6 (Solaris 2.5.1) segment. Refer to the *DII COE System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)* for more information about installing segments.

- STEP 1: Load the patch tape.** Load the patch tape into a tape drive.
- STEP 2: Log in as system administrator.** In the DII COE login screen, type `sysadmin` at the Name prompt and press [RETURN].
- STEP 3: Enter the sysadmin password.** Type the `sysadmin` password at the Password prompt and press [RETURN]. The System Administration software appears.
- STEP 4: Select the segment installer option.** Select the Segment Installer option from the Software pull-down menu. The Installer window appears (Figure 1).

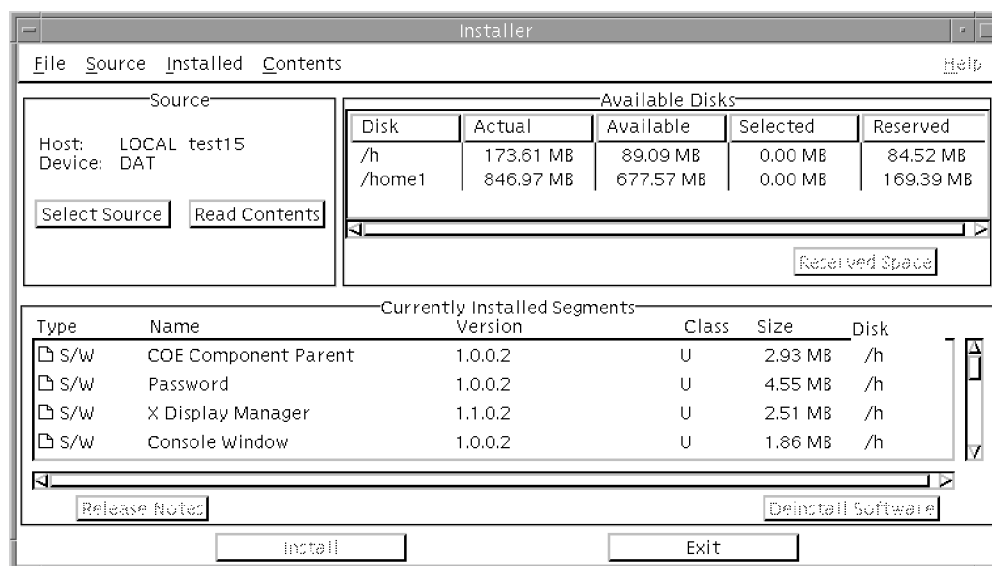


Figure 1. Installer Window

**NOTE:** Ensure that you can see the whole Installer window by clicking on the bottom right edge of the window and dragging the trackball or mouse outward to enlarge the window.

- STEP 5: Check the installation device.** The Source panel displays the name of the host machine and the name of the installation device. The device selection defaults to the DAT drive on the local machine. If you want to select the REMOTE option to install from a remote machine, click on the Select Source button in the Source panel to open the Select Source window (Figure 2); then make necessary changes and click the OK button to return to the Installer window.

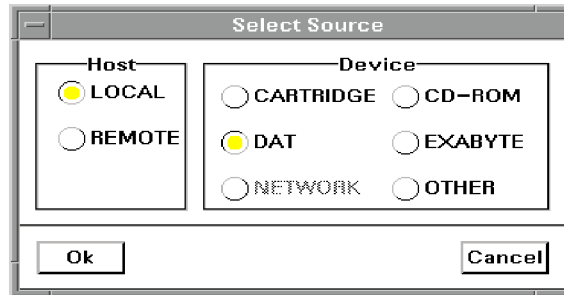


Figure 2. Select Source Window

- STEP 6: Read the table of contents of the DAT.** Click on the Read Contents button in the Source panel. The media is scanned, and the Installer window adds the Select Software To Install panel. This panel lists the DII COE 3.0.0.3 Kernel Patch 6 segment, which is the patch you want to install. Figure 3 shows a sample Installer window with the Select Software To Install panel.

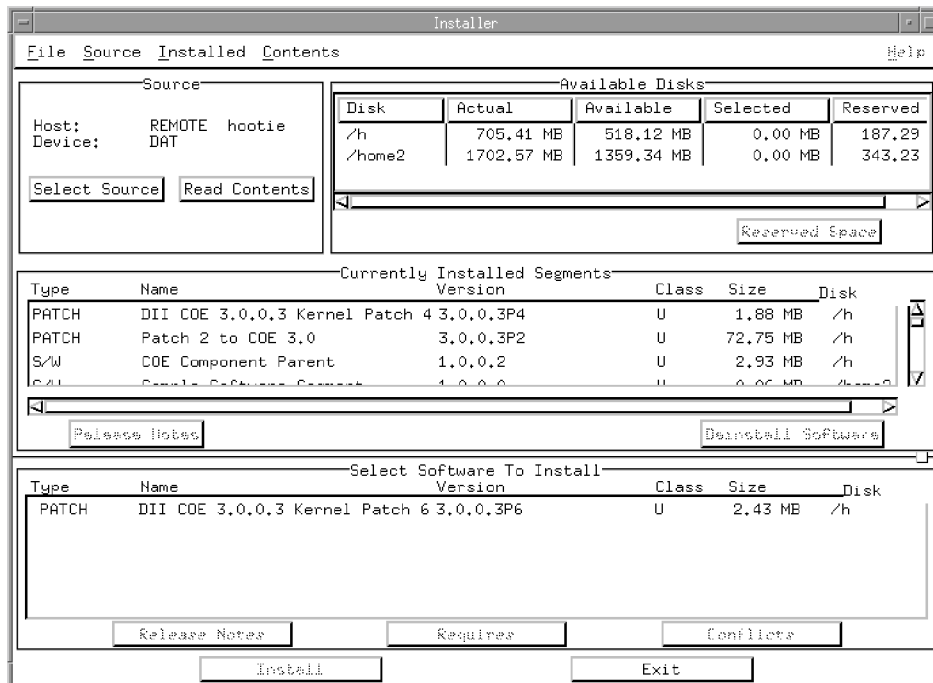


Figure 3. Installer Window with Select Software To Install Panel

**STEP 7: Select the segment that you want to install.** Click on the DII COE 3.0.0.3 Kernel Patch 6 segment in the Select Software To Install panel to select it for installation. The Available Disks panel displays the mounted disk drives on the system and the remaining available disk space as the segment is selected.

**NOTE:** If you wish to view Release Notes and Requires information, continue on to Step 8 and Step 9. If not, go to Step 10.

**STEP 8: View Release Notes for the segment.** Click on the Release Notes button in the Select Software To Install panel to display release notes for the DII COE 3.0.0.3 Kernel Patch 6 segment. Figure 4 shows a sample RELEASE NOTES window.

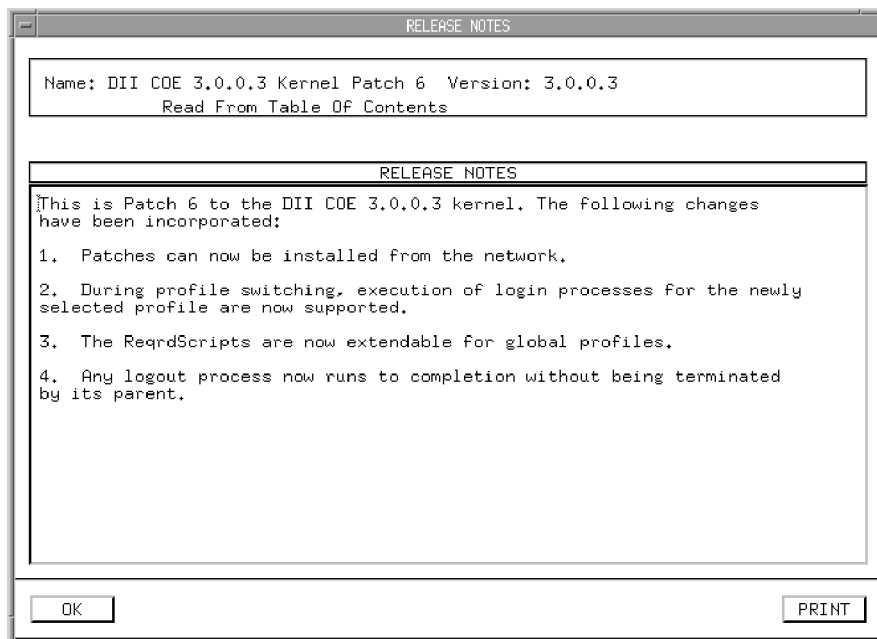


Figure 4.

NOTES Window

RELEASE

**STEP 9: View segments that need to be installed.** Click on the `Requires` button in the `Select Segment To Install` panel. The `REQUIRED SEGMENTS` window (Figure 5) appears listing the DII COE Kernel Patch 4 segment, which needs to be installed before the DII COE 3.0.0.3 Kernel Patch 6 segment.

**NOTE:** DII COE 3.0.0.3 Kernel Patch 4 segment also requires that DII COE 3.0.0.3 Kernel Patch 2 be installed.

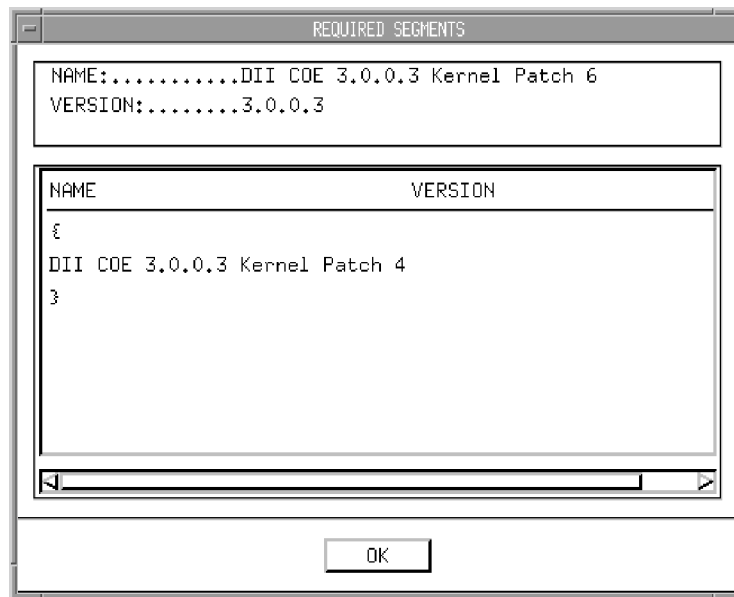


Figure 5.

SEGMENTS Window

REQUIRED

**NOTE:** You do not need to click on the `Conflicts` button in the `Select Segment To Install` panel because this patch segment has no conflicting segments.

**STEP 10: Begin the installation process for the segment.** Click on the `Install` button once you select the DII COE 3.0.0.3 Kernel Patch 6 segment. The `Installer Status` window appears, which shows the segment you are installing and the size of the segment. This window also shows a `Percent Complete` status bar, which displays the status of the installation.

**STEP 11: Reboot the system.** Once the installation is complete, the `RESPOND TO THE QUESTION` window appears (Figure 6). Click on the `Ok` button to reboot the system.

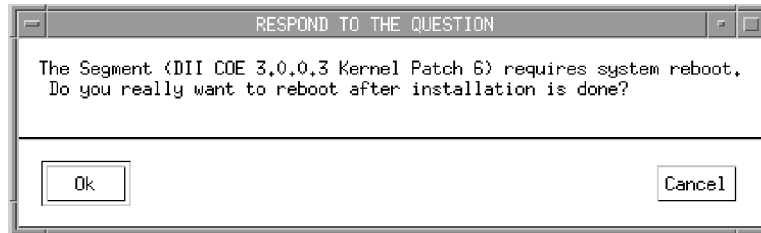


Figure 6. `RESPOND TO THE QUESTION` Window

**STEP 12: Ensure the segment installed correctly.** Once the system reboots, select the `Segment Installer` option from the `Software` pull-down menu. The `Installer` window lists the `DII COE 3.0.0.3 Kernel Patch 6` segment in the `Currently Installed Segments` panel.

**STEP 13: Exit the installer window.** Click on the `Exit` button to exit the `Installer` window.

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